

MacPherson Kwok Chen & Heid LLP

1762 Technology Drive, Suite 226

San Jose, CA 95110

Tel. (408) 392-9250

Fax (408) 392-9262

2402 Michelson Drive, Suite 210

Irvine, CA 92612

Tel. (949) 752-7040

Fax (949) 752-7049

Email: gmichelson@macpherson-kwok.com

www.macpherson-kwok.com

22386 U.S. PTO  
10/697371



Atty. Docket No.: M-15282 US

October 29, 2003

Mail Stop Patent Application  
Commissioner For Patents  
Alexandria, VA 22313-1450

Enclosed herewith for filing is a patent application, as follows:

Inventor(s): Steven E. Muentner

Title: Optical Encoders For Position Measurements

X Return Receipt Postcard  
X This Transmittal Letter (in duplicate)  
X Fourteen (14) page(s) Specification (not including claims)  
X Seven (7) page(s) Claims  
X One (1) page Abstract  
X Three (3) sheet(s) of drawings including Figures 1, 2, 3, and 4  
X Two (2) page(s) Declaration For Patent Application and Power of Attorney  
X Two (2) page(s) Recordation Form Cover Sheet and Assignment  
X Information Disclosure Statement  
X PTO-1449 with copies of three (3) cited references

CLAIMS AS FILED

For	Number Filed			Number Extra		Rate		Basic Fee
Total Claims	24	-20	=	4	X	\$18.00	=	\$ 72.00
Independent Claims	4	-3	=	1	X	\$86.00	=	\$ 86.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application							\$
<input type="checkbox"/>	Fee for Request for Extension of Time							\$

Please make the following charges to Deposit Account No. 50-2257:

- ☒ Total fee for filing the patent application in the amount of \$ 928.00  
☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2257.

EXPRESS MAIL LABEL NO:

EV411212815US

Respectfully submitted,

*Greg J. Michelson*

Greg J. Michelson  
Attorney for Applicants  
Reg. No. 44,940